



Surveying, Mapping and Geosciences Subcommittee



Richard Snay
NOAA's National Geodetic Survey

The SM&G Subcommittee will host the
CORS Users Forum at the CGSIC Meeting
Savannah, GA
September 22, 2009
1:30 – 5:00 pm

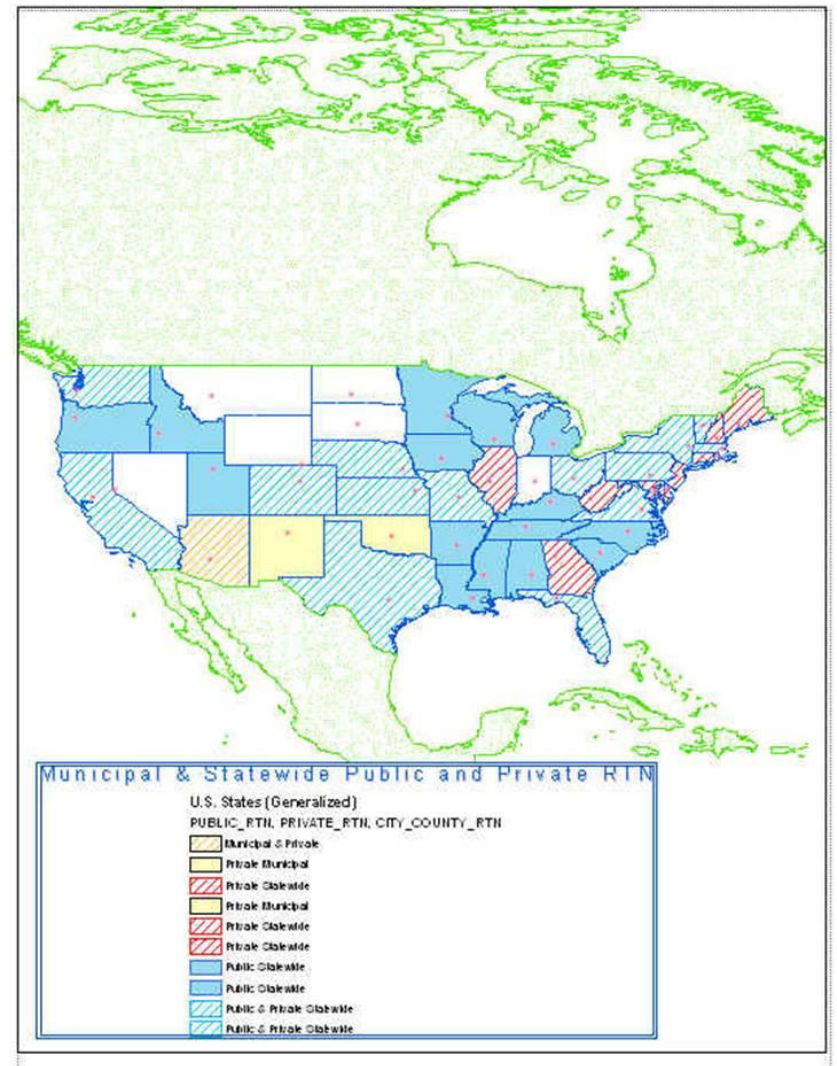


CORS Users Forum



Theme: Guidelines for
Real-Time GNSS
Networks (RTN).

Over 80 public and
private RTN's
currently exist in the
U.S.



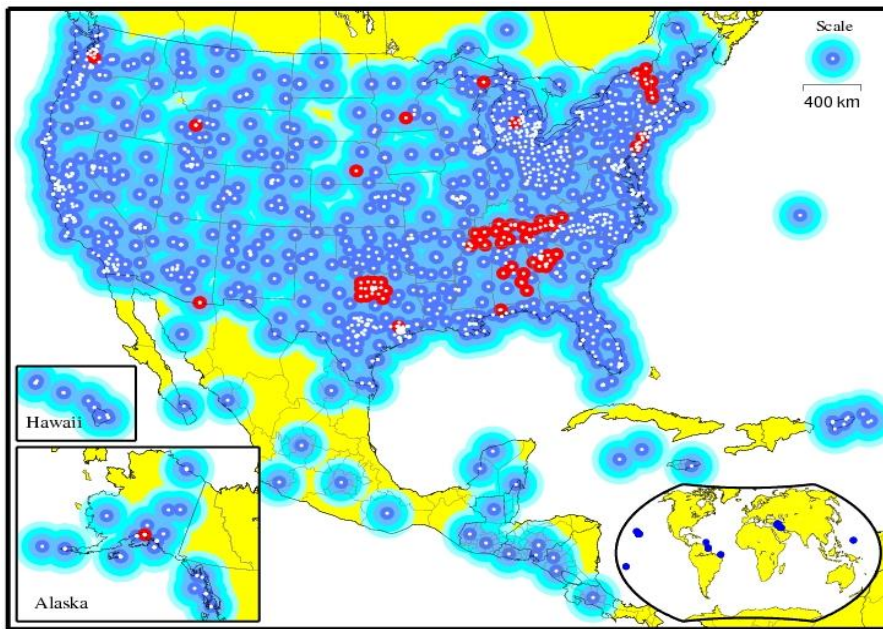


CORS/OPUS: Overview & Status



Presenter: Giovanni Sella, NOAA's National Geodetic Survey

CORS = Continuously Operating Reference Station



**Red dots = GPS + GLONASS sites
whose data will become available in 2010.**

The CORS network contains about 1,350 GPS tracking stations, and it is growing by about 200 stations per year.

OPUS is a Web-based service enabling its users to automatically post-process GPS data.



PANEL SESSION: RTN Guidelines



Panel:

Dan Martin – NOAA/NGS

Site Considerations

Gavin Schrock – Washington State

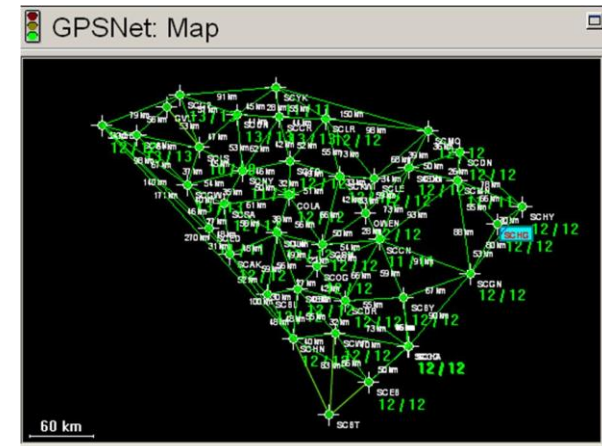
RTN Planning & Design

Gary Thompson – NC Geodetic Survey

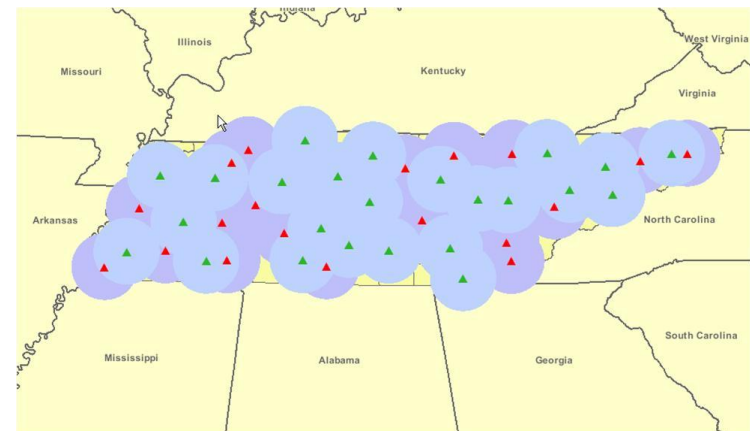
RTN Administration

Bill Henning – NOAA/NGS

Best Methods for RTN Users



SC RTN



TN RTN



Interactive Session within Small Discussion Groups



- From 3:50 – 5:00 pm, Forum attendees will be invited to participate in one of three small discussion groups (6 to 12 people per group).
- Group 1: CORS/OPUS
- Group 2: RTN Site Considerations &
RTN Planning and Design
- Group 3: RTN Administration &
Best Methods for RTN Users



Socio-Economic Valuation of the CORS Program



- Leveson Consulting completed a scoping study of the socio-economic benefits of the CORS program.
- According to this study, combined “direct” and “indirect” benefits amounted to \$758 million in 2008.
- Direct benefits are those to CORS users.
- Indirect benefits are those to society at large.

DIRECT BENEFITS OF CORS BY YEAR

